

**Table 3-1**

**Sampling Locations and Rationale  
Former Personnel and Equipment Decontamination Station, Parcel 206(7)  
Fort McClellan, Calhoun County, Alabama**

<b>Sample Location</b>	<b>Sample Media</b>	<b>Sample Location Rationale</b>
HR-206-GP01	Surface Soil Subsurface Soil	Surface and subsurface soil samples were collected southwest of the bleachers (8213) located south of the pond to determine if potential site-specific chemicals have impacted soils.
HR-206-GP02	Surface Soil Subsurface Soil	Surface and subsurface soil samples were collected adjacent to Building 8212 in the southwestern portion of Parcel 206(7) to determine if potential site-specific chemicals have impacted soils.
HR-206-GP03	Surface Soil Subsurface Soil	Surface and subsurface soil samples were collected near a surface depression in the northeastern corner of Parcel 206(7) to determine if potential site-specific chemicals have impacted soils.
HR-206-DEP01	Depositional Soil	A depositional soil sample was collected immediately downstream (north) of the pond to determine if potential site-specific chemicals have impacted soils.
HR-206-DEP02	Depositional Soil	A depositional soil sample was collected immediately upstream (southeast) of the pond to determine if potential site-specific chemicals have impacted soils.
HR-206-SW/SD03	Surface Water Sediment	Surface water and sediment samples were collected from approximately the center of the pond to determine if potential site-specific chemicals have impacted the pond. Surface water samples were collected from three discrete levels within the water column: top, middle, and bottom.

**Table 3-2**

**Soil Sample Designations and Analytical Parameters  
Former Personnel and Equipment Decontamination Station, Parcel 206(7)  
Fort McClellan, Calhoun County, Alabama**

Sample Location	Sample Designation	Sample Depth (ft)	QA/QC Samples		Analytical Parameters
			Field Duplicates	MS/MSD	
HR-206-GP01	HR-206-GP01-SS-MM0001-REG	0-1		HR-206-GP01-SS-MM0001-MS/MSD	TCL VOCs, TCL SVOCs, TAL Metals, Explosives, and CWM breakdown products
	HR-206-GP01-DS-MM0002-REG	5-6			
HR-206-GP02	HR-206-GP02-SS-MM0003-REG	0-1			TCL VOCs, TCL SVOCs, TAL Metals, Explosives, and CWM breakdown products
	HR-206-GP02-DS-MM0004-REG	5-6			
HR-206-GP03	HR-206-GP03-SS-MM0005-REG	0-1	HR-206-GP03-SS-MM0006-FD		TCL VOCs, TCL SVOCs, TAL Metals, Explosives, and CWM breakdown products
	HR-206-GP03-DS-MM0007-REG	11-12			
HR-206-DEP01	HR-206-DEP01-DEP-MM1001-REG	0-1		HR-206-DEP01-DEP-MM1001-MS/MSD	TCL VOCs, TCL SVOCs, TAL Metals, Explosives, CWM breakdown products, TOC, and Grain Size
HR-206-DEP02	HR-206-DEP02-DEP-MM1002-REG	0-1			TCL VOCs, TCL SVOCs, TAL Metals, Explosives, CWM breakdown products, TOC, and Grain Size

CWM - Chemical warfare material.

FD - Field duplicate.

ft - Feet.

MS/MSD - Matrix spike/matrix spike duplicate.

QA/QC - Quality assurance/quality control.

REG - Field sample.

SVOC - Semivolatile organic compound.

TAL - Target analyte list.

TCL - Target compound list.

TOC - Total organic carbon.

VOC - Volatile organic compound.

**Table 3-3**

**Surface Water and Sediment Sample Designations and Analytical Parameters  
Former Personnel and Equipment Decontamination Station, Parcel 206(7)  
Fort McClellan, Calhoun County, Alabama**

Sample Location	Sample Designation	Sample Matrix	Sample Depth (ft)	QA/QC Samples	Analytical Parameters
				Field Duplicates	
HR-206-SW/SD03	HR-206-SW/SD03-SW-MM2003-REG	Surface Water	0-1	HR-206-SW/SD03-SW-MM2004-FD	TCL VOCs, TCL SVOCs, TAL Metals, Explosives, CWM Breakdown products, TOC, and Grain Size (sediment only)
	HR-206-SW/SD03-SW-MM2005-REG	Surface Water	2-3		
	HR-206-SW/SD03-SW-MM2006-REG	Surface Water	3-3.8		
	HR-206-SW/SD03-SD-MM1003-REG	Sediment	0-1 <sup>a</sup>	HR-206-SW/SD03-SD-MM1004-FD	

<sup>a</sup> Below bottom of pond.

CWM - Chemical warfare material.

FD - Field duplicate.

ft - Feet.

MS/MSD - Matrix spike/matrix spike duplicate.

QA/QC - Quality assurance/quality control.

REG - Field sample.

SVOC - Semivolatile organic compound.

TAL - Target analyte list.

TOC - Total organic carbon.

TCL - Target compound list.

VOC - Volatile organic compound.

**Table 3-4**

**Surface Water Field Parameters  
Former Personnel and Equipment Decontamination Station, Parcel 206(7)  
Fort McClellan, Calhoun County, Alabama**

<b>Sample Location</b>	<b>Sample Date</b>	<b>Sample Depth</b>	<b>Specific Conductivity (mS/cm)</b>	<b>Dissolved Oxygen (mg/L)</b>	<b>ORP (mV)</b>	<b>Temperature (°C)</b>	<b>Turbidity (NTU)</b>	<b>pH (SU)</b>
HR-206-SW/SD03	8-Aug-01	0-1	0.027	7.93	353	26.0	1.0	5.61
	8-Aug-01	2-3	0.033	5.69	75	25.3	22.6	5.65
	8-Aug-01	3-3.8	0.097	4.09	90	24.5	NR	6.41

°C - Degrees Celsius.

mg/L - Milligrams per liter.

mS/cm - Millisiemens per centimeter.

mV - Millivolts.

NR - Not recorded.

NTU - Nephelometric turbidity units.

ORP - Oxidation-reduction potential.

SU - Standard units.

**Table 3-5**

**Variance to the Site-Specific Field Sampling Plan  
Former Personnel and Equipment Decontamination Station, Parcel 206(7)  
Fort McClellan, Calhoun County, Alabama**

<b>Variance to the SFSP</b>	<b>Justification for Variance</b>	<b>Impact to Remedial Investigation</b>
The Final Site-Specific Field Sampling Plan proposed collection of surface water and sediment samples at sample locations HR-206-SW/SD01 and HR-206-SW/SD02. The two surface water and sediment samples were not collected for chemical analysis.	Surface water and sediment were not present in the drainage ditch entering and exiting the pond during sample collection. Several attempts were made to collect the samples, but all attempts were unsuccessful. Therefore, depositional soil samples HR-206-DEP01 and HR-206-DEP02 were collected at those locations to determine the presence or absence of contamination.	None. Data from the depositional soil samples were used to determine the absence or presence of contamination.